

AMENDMENT(S) TO THE SPECIFICATION

Please replace the paragraph beginning at page 1, line 14, with the following rewritten paragraph:

These devices are usually of the thermal-type, i.e. [[thy]] they use heat to melt the material constituting the cover of the container and join it to the container itself. These systems have the drawback of usually being expensive due to the necessity of applying heat-weld lacquers on one of the sides to be joined. Furthermore, the finish is of low-quality, causing folds and curling up of the containers when they are cooled.

Please replace the paragraph beginning at page 4, line 31, with the following rewritten paragraph:

As shown in Figure 1, the device for sealing containers of plastic material object of the present invention consists of comprises a plurality of sonotrodes 1 which are independent from one another, under which sonotrodes a Teflon sheet of synthetic resinous flourine-containing polymers commonly sold under the trademark TEFLON 2 is arranged, under which sheet is the sealing sheet 3, which is arranged just above the container or containers 4 to be sealed, which in this case are of an approximately rectangular configuration and are in two rows joined together by their peripheral flaps 5. The [[Teflon]] sheet 2 and the sealing sheet 3 and the containers 4 are supported on molds 6 such that the containers are housed therein, both the sealing sheet portion next to the peripheral flap 5 of the containers 4 and the peripheral flap 5 itself being supported on the edge of the wall of the mold 6.

Please replace the paragraph beginning at page 5, line 28, with the following rewritten paragraph:

Figure 4 shows a partial detailed sectional view of the cutting and welding area, prior to beginning the welding process[[, it]]. It can be seen how the outer wall 12 of the mold is arranged next to the inner wall 9 thereof, perpendicularly to the peripheral flap 5 of the mouth of the container, next, above the flap, the sealing sheet 3 is arranged, and above that is the [[Teflon]] sheet 2 on which the sonotrode 1 is situated.

Please replace the paragraph beginning at page 5, line 33, with the following rewritten paragraph:

~~Teflon is the Sheet 2 is made of an~~ anti-adherent material which does not stick to the plastic material when the latter is hot, furthermore it withstands a higher temperature than that of the melting point of said material and transmits ultrasonic vibrations very well.

Please replace the paragraph beginning at page 6, line 1, with the following rewritten paragraph:

The [[Teflon]] sheet 2 inserted between the sonotrode 1 and the sealing sheet 3 is very important because thanks to it, the following effects are achieved:

- preventing direct contact between the metals and absorbing the noise,
- preventing abrasion of the edge of both walls of the mold and, accordingly, their premature wear,
- attenuating the destructive friction which the direct contact of the sonotrode 1 with the sealing sheet 3 may generate,
- improving the transmission of the vibrations and preventing damage of the sonotrode 1 due to an excessive vibration transmitted thereto,
- improving control of the critical conditions between the welding point and the destruction point.

Please replace the paragraph beginning at page 6, line 12, with the following rewritten paragraph:

In Figure 5, a partial detailed sectional view of the cutting and welding area when the welding and cutting process has occurred, can be seen[, it]. It can be seen how the outer wall 12 of the mold has cut both the sealing sheet 3 and the peripheral flap 5 of the mouth of the container 4.

Please replace the paragraph beginning at page 6, line 27, with the following rewritten paragraph:

In the particular case that both the sealing sheet 3 and the peripheral flap 5 of the container are of a small thickness, a third preferred embodiment according to the object of the invention has been considered. As can be seen in Figure 7, the mold 6 will be special for this particular case[[, it]]. It will specifically consist of include only one wall 19, the edge of the inner wall being transversally transversely located in extension of the edge 20 of the outer wall, the edge 21 of the inner wall being broken in this case.

Please replace the paragraph beginning at page 6, line 33, with the following rewritten paragraph:

Figure 8 shows a fourth embodiment of the invention, which is a particular variant of the case in which the inner wall and the outer wall form a single wall. In this case, separation areas are included in the wall of the mold 6, the first area [[24]] 25 situated between the inner profile 22 and the outer profile 23, and the second area [[25]] 24 situated inwardly from the inner profile 22. Respective cavities are arranged throughout both areas parallelly in parallel to said inner and outer profiles.

Please replace the paragraph beginning at page 7, line 4, with the following rewritten paragraph:

As is seen in Figure 8, the sealing sheet 3 is arranged under the [[Teflon]] sheet 2, and under the sealing sheet is the peripheral flap 5 of the mouth of the container. In this representation, the cutting and welding movement has ended and the plastic material which has been heated by the successive vibrations of the sonotrode 1 (not shown in the Figure) is melted and deposited in the first area [[24]] 25 and in the second area [[25]] 24. With this arrangement of the profiles which are separated by said areas, it is achieved that on one hand, a double weld line is obtained, and on the other one, the weld lines are separated from the cut lines, increasing the rigidity of the weld bead and of the joint itself, and also increasing the sealing thereof.